Accepted Manuscript

Bioconversion of 6-*epi*-Notoamide T produces metabolites of unprecedented structures in a marine-derived *Aspergillus* sp.

Hikaru Kato, Takashi Nakahara, Michitaka Yamaguchi, Ippei Kagiyama, Jennifer M. Finefield, James D. Sunderhaus, David H. Sherman, Robert M. Williams, Sachiko Tsukamoto

PII: S0040-4039(14)01987-X

DOI: http://dx.doi.org/10.1016/j.tetlet.2014.11.083

Reference: TETL 45467

To appear in: Tetrahedron Letters

Received Date: 19 October 2014 Revised Date: 14 November 2014 Accepted Date: 17 November 2014



Please cite this article as: Kato, H., Nakahara, T., Yamaguchi, M., Kagiyama, I., Finefield, J.M., Sunderhaus, J.D., Sherman, D.H., Williams, R.M., Tsukamoto, S., Bioconversion of 6-epi-Notoamide T produces metabolites of unprecedented structures in a marine-derived *Aspergillus* sp., *Tetrahedron Letters* (2014), doi: http://dx.doi.org/10.1016/j.tetlet.2014.11.083

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Bioconversion of 6-epi-Notoamide T Produces Metabolites of Unprecedented Structures in a Marine-derived Aspergillus sp.

Hikaru Kato^a, Takashi Nakahara^a, Michitaka Yamaguchi^a, Ippei Kagiyama^a, Jennifer M. Finefield^b, James D. Sunderhaus^b, David H. Sherman^c, Robert M. Williams^{b,d,*} Sachiko Tsukamoto^{a,*}

^a Graduate School of Pharmaceutical Sciences, Kumamoto University, 5-1 Oe-honmachi, Kumamoto 862-0973, Japan

^b Department of Chemistry, Colorado State University, 1301 Center Avenue, Fort Collins, Colorado 80523, USA

^c Life Sciences Institute and Department of Medicinal Chemistry, The University of Michigan, 210 Washtenaw Avenue, Ann Arbor, Michigan 48109-2216, USA

^d University of Colorado Cancer Center, Aurora, Colorado 80045, USA

*Corresponding author, Tel.: +1 970 491 6747; fax: +1 970 491 3944 (R.M.W.); tel.: +81 96 371 4380; fax: +81 96 371 4380 (S.T.)

E-mail address: rmw@lamar.colostate.edu (R.M.W.), sachiko@kumamoto-u.ac.jp (S.T.)

Download English Version:

https://daneshyari.com/en/article/5262632

Download Persian Version:

https://daneshyari.com/article/5262632

<u>Daneshyari.com</u>